

Converting Colors

Hex(70B9C6)

Have a look what the booklet for
Hex(70B9C6) contains.

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Color

Hex(70B9C6)

Conversions

Conversions Part 1

Format	Color
Hex	70B9C6
RGB	112, 185, 198
RGB Percent	44%, 73%, 78%
CMY	0.5608, 0.2745, 0.2235
CMYK	0.43, 0.07, 0.00, 0.22
HSL	189°, 43%, 61%
HSV	189°, 43%, 78%
XYZ	34.2241, 42.2199, 59.7715
YIQ	164.6550, -47.6810, -11.4330

Conversions

Conversions Part 2

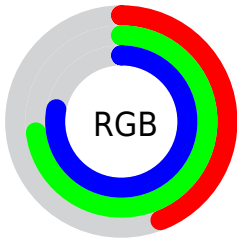
Format	Color
RYB	112, 151, 198
Decimal	7387590
CIELab	71.02, -19.38, -13.72
CIELCh	71, 23.747, 215.297
Yxy	42.2199, 0.2512, 0.3099
Android (android.graphics.Color)	4285577670 (0xFF70B9C6)
YUV	164.6550, 16.4391, -46.1784
Hunter-Lab	64.9768, -19.6913, -9.0565

Details

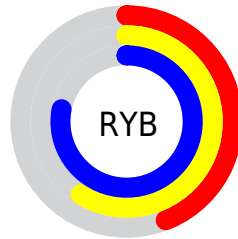
The Hex color **70B9C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C67D70**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A8F1FF**, and **388490** is the 20% darker color. If you saturate the color by 10%, you get **5CB6C6**, and if you desaturate by 10%, it is **84BCC6**.

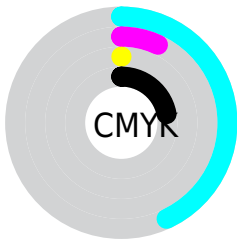
Distribution



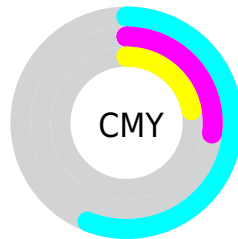
- Red (44%)
- Green (73%)
- Blue (78%)



- Red (44%)
- Yellow (59%)
- Blue (78%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B9C6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 70B9C6 by changing the saturation by 10% instead.

 70B9C6

 70B9C6

FFFFFF

 549EAB

 A8F1FF

 388490

 C4FFFF

 166A77

 E1FFFF

 00525E

 003B46

 002530

 00081B

 000000

 70B9C6

 70B9C6

5CB6C6

84BCC6

48B3C6

98BFC6

35B0C6

ABC2C6

21ADC6

BFC5C6

0DAAC6

D3C8C6

00A8C6

E7CBC6

FBCEC6

FFD1C6

FFD4C6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76BAB1



70B9C6



7EB5D4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70B9C6



CDA1C0



BAAE83

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70B9C6



C67D70

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CDA687



70B9C6



D99EAB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70B9C6



B6A7D1



D9A196



A2B48A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70B9C6



8FB1D8



D9A196



C1AB83

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70B9C6



DEFAFF



70C67D



6B7C80



000000



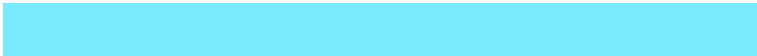
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70B9C6



7AEBFF



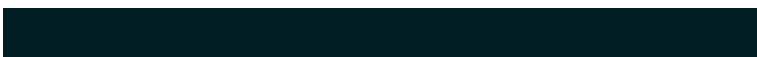
708EC6



5A6263



008BA3



001E24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C670B9



FF7AEB



C6A870



635A62



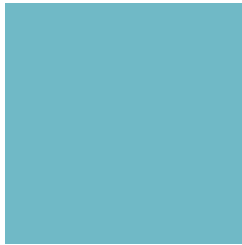
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 70B9C6 looks on a white background.

Color Contrast Check

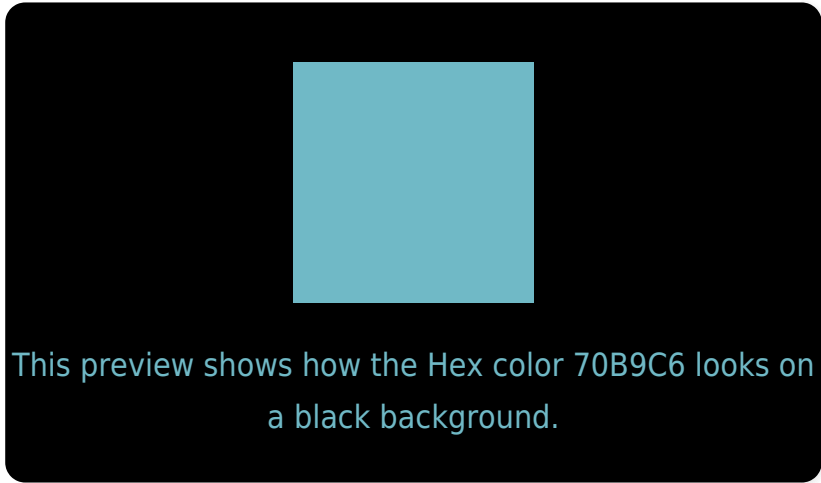
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

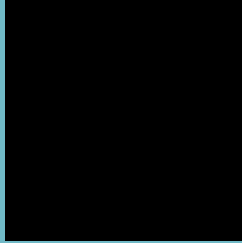
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

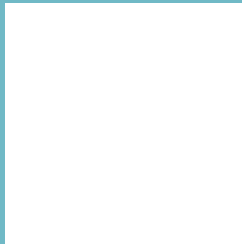
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 70B9C6 Background



This preview shows how black text looks on a background with the Hex color 70B9C6.

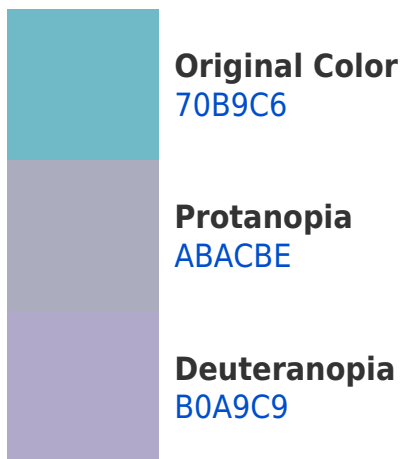


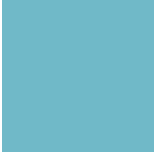
This preview shows how white text looks on a background with the Hex color 70B9C6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

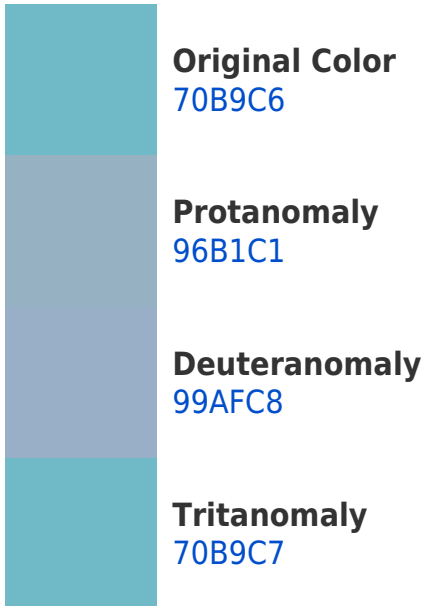
Dichromacy



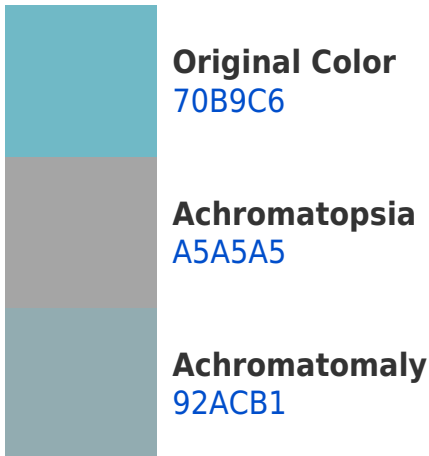


Tritanopia
70B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B9C6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #70B9C6 looks like.

```
.text, #text, p{  
    color:#70B9C6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #70B9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B9C6  
}
```

Border

The CSS property to change the border of an element to Hex 70B9C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#70B9C6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#70B9C6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #70B9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B9C6; -webkit-box-shadow:4px 4px  
4px 4px #70B9C6; box-shadow:4px 4px 4px  
4px #70B9C6 }
```

Background

The CSS property to change the background color of an element to Hex 70B9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B9C6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#70B9C6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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